
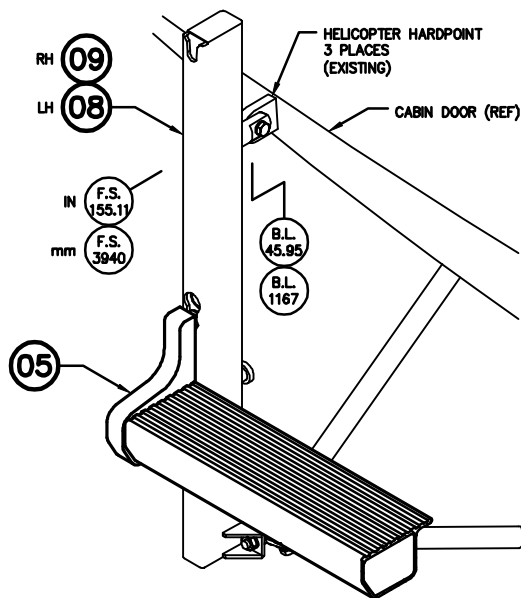


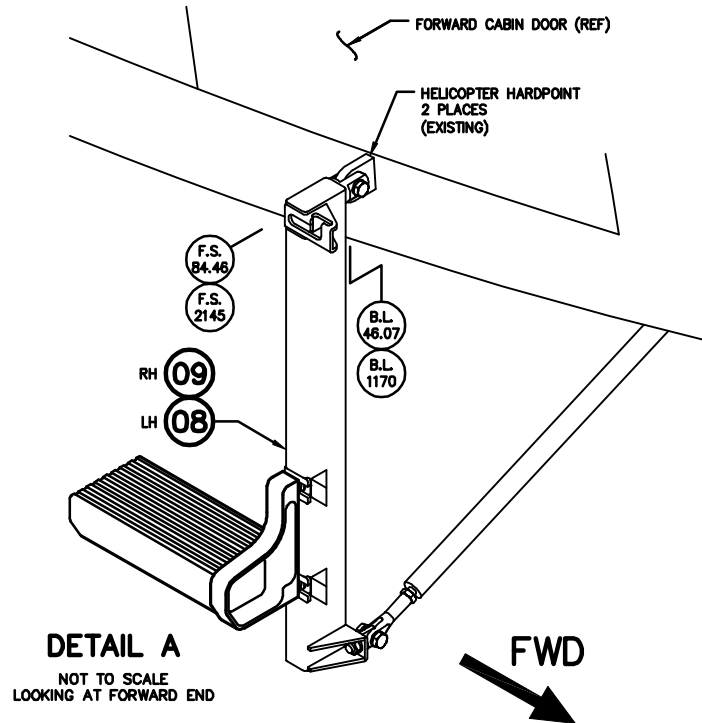
- ① LH LOW STEP INSTALLATION
② RH LOW STEP INSTALLATION

RIGHT SIDE INSTALLATION SHOWN, LEFT SIDE INSTALLATION OPPOSITE
BELL 212 SHOWN, BELL 205, AND 412 INSTALLATION IDENTICAL
NOT TO SCALE

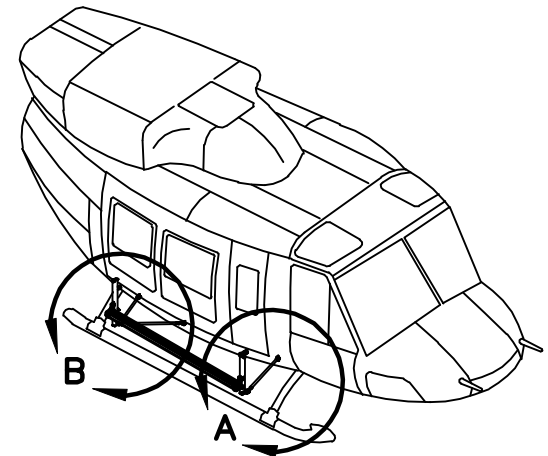
					APPROVALS		DATE		<div><div><div>AERO DESIGN LTD.</div><div>9888A MALASPINA ROAD</div><div>POWELL RIVER, BC, CANADA, V8A 0G3</div><div>TEL: 604.483.2376www.aerodesign.ca</div></div></div>						
					DRAWN: JEFF CLARKE		13 JAN 2015								
					CHECKED: JASON REKVE		13 JAN 2015								
1	1	80010-7100	05	STEP ASSEMBLY		UNLESS OTHERWISE SPECIFIED DIMENSIONS ARE IN INCHES. TOLERANCES ON: DECIMALS ANGLES X.XXX ±0.010 ±1/2° X.XX ±0.03 X.X ±0.1				BELL 205A-1, 205B, 212, 412, 412EP, 412CF QUICK RELEASE STEP INSTALLATION STEP INSTALLATION					
1		100605-01-02	04	RH LOW PROVISIONS INST'N											
	1	100605-01-01	03	LH LOW PROVISIONS INST'N											
		80003-01-02	02	RH LOW STEP INSTALLATION											
		80003-01-01	01	LH LOW STEP INSTALLATION											
02	01	PART NO.	ITEM	DESCRIPTION						NOT TO SCALE		DWG. SIZE	DWG. NO.	REV.	
QTY	QTY	LIST OF MATERIALS								SHEET 1 OF 3		A4	80003	0	



DETAIL B
NOT TO SCALE
LOOKING AT AFT END



DETAIL A
NOT TO SCALE
LOOKING AT FORWARD END



06 LH HIGH STEP INSTALLATION
07 RH HIGH STEP INSTALLATION

RIGHT SIDE INSTALLATION SHOWN, LEFT SIDE INSTALLATION OPPOSITE
BELL 212 SHOWN, BELL 205, AND 412 INSTALLATION IDENTICAL
NOT TO SCALE

APPROVALS	DATE
DRAWN: JEFF CLARKE	13 JAN 2015
CHECKED: JASON REKVE	13 JAN 2015



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1	1	80010-7100	05	STEP ASSEMBLY
1		100605-01-02	09	RH HIGH PROVISIONS INST'N
	1	100605-01-01	08	LH HIGH PROVISIONS INST'N
		80003-02-02	07	RH HIGH STEP INSTALLATION
		80003-02-01	06	LH HIGH STEP INSTALLATION
07	06	PART NO.	ITEM	DESCRIPTION
QTY	QTY	LIST OF MATERIALS		

UNLESS OTHERWISE SPECIFIED
DIMENSIONS ARE IN INCHES.
TOLERANCES ON:
DECIMALS ANGLES
X.XXX ± 0.010 $\pm 1/2^\circ$
X.XX ± 0.03
X.X ± 0.1

BELL 205A-1, 205B, 212, 412, 412EP, 412CF
QUICK RELEASE STEP INSTALLATION
STEP INSTALLATION

NOT TO SCALE	DWG. SIZE	DWG. NO.	REV.
SHEET 2 OF 3	A4	80003	0

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REV.	DESCRIPTION OF CHANGE	INITIALS	DATE
0	INITIAL ISSUE		

NOTES

1. QUICK RELEASE MOUNTING PROVISIONS (ITEM 03/04 OR 08/09) INSTALLED IN ACCORDANCE WITH DRAWING 100605 OR 100606 ARE A MANDATORY PREREQUISITE FOR THIS INSTALLATION.
2. QUICK RELEASE STEP MAY BE INSTALLED ON THE RIGHT AND/OR LEFT SIDE OF THE HELICOPTER.
WEIGHT AND BALANCE IS GIVEN FOR RIGHT SIDE, LATERAL ARMS ARE NEGATIVE FOR LEFT SIDE INSTALLATION.
3. REFER TO FLIGHT MANUAL SUPPLEMENT, FMS751.91, FOR LIMITATIONS WITH THE QUICK RELEASE STEP INSTALLED.
4. REFER TO INSTRUCTIONS FOR CONTINUED AIRWORTHINESS, ICA800.90, FOR MAINTENANCE INFORMATION.

WEIGHT AND BALANCE – METRIC

ITEM	DESCRIPTION	WEIGHT (kg)	LONGITUDINAL		LATERAL	
			ARM (mm)	MOMENT (mm–kg)	ARM (mm)	MOMENT (mm–kg)
03/04	LOW PROVISIONS INSTALLATION	5.1	3064	15626	1164	5936
05	STEP ASSEMBLY	3.5	3066	10731	1295	4533
01/02	LOW STEP INSTALLATION (TOTAL)	8.6	3065	26357	1217	10469
08/09	HIGH PROVISIONS INSTALLATION	5.3	3150	16695	1165	6175
05	STEP ASSEMBLY	3.5	3058	10703	1295	4533
06/07	HIGH STEP INSTALLATION (TOTAL)	8.8	3113	27398	1217	10708

WEIGHT AND BALANCE – STANDARD

ITEM	DESCRIPTION	WEIGHT (LB)	LONGITUDINAL		LATERAL	
			ARM (IN)	MOMENT (LB–IN)	ARM (IN)	MOMENT (LB–IN)
03/04	LOW PROVISIONS INSTALLATION	11.2	120.6	1351.2	45.8	513.4
05	STEP ASSEMBLY	7.8	120.7	941.5	51.0	397.8
01/02	LOW STEP INSTALLATION (TOTAL)	19.0	120.7	2292.6	48.0	911.2
08/09	HIGH PROVISIONS INSTALLATION	11.6	124.0	1438.6	45.9	532.2
05	STEP ASSEMBLY	7.8	120.4	939.1	51.0	397.8
06/07	HIGH STEP INSTALLATION (TOTAL)	19.4	122.6	2377.8	47.9	930.0

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TOLERANCES ON:
DECIMALS ANGLES
X.XXX ±0.010 ±1/2°
X.XX ±0.03
X.X ±0.1



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BELL 205A–1, 205B, 212, 412, 412EP, 412CF
QUICK RELEASE STEP INSTALLATION
STEP INSTALLATION

NOT TO SCALE	DWG. SIZE	DWG. NO.	REV.	
SHEET 3 OF 3	A4	80003	0	